

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/634,279	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 14:39
S5	3	((clock or carrier) adj3 recovery) and (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (positive or negative) with (transistion or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 09:56
S6	9	((clock or carrier) adj3 recovery) and (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (positive or negative) with (transition or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 13:36
S7	9	((clock or carrier) adj3 recovery) and (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (positive or negative) with (transition or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 09:53
S8	116	((clock or carrier) adj3 recovery) and polyphase and (positive or negative) and (transition or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 09:43
S9	3595	polyphase and (positive or negative) and (transition or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:20
S10	13	((clock or carrier) adj3 recovery) and (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (positive or negative) same (transition or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 09:53
S11	489	(((clock or carrier) adj3 recovery) or PLL or (phase adj1 lock\$3 adj1 loop)) and (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (transistion or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 09:59
S12	99	(((clock or carrier) adj3 recovery) or PLL or (phase adj1 lock\$3 adj1 loop)) same (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (transistion or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 11:36
S13	110	(((data or clock or carrier) adj3 recover\$3) or PLL or (phase adj1 lock\$3 adj1 loop)) same (poly\$1phase or multi\$1phase or (multiple adj1 phase)) same (transistion or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:08

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S14	11	S13 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 11:40
S15	777	((signal or data or clock or carrier) adj3 recover\$3) or PLL or (phase adj1 lock\$3 adj1 loop) same (poly\$1phase or multi\$1phase or (multiple adj1 phase)) and (transistion or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:11
S16	3429	375/354.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:16
S17	6	S9 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:17
S18	198	((signal or data or clock or carrier) adj3 recover\$3)) and (PLL or (phase adj1 lock\$3 adj1 loop) same (poly\$1phase or multi\$1phase or (multiple adj1 phase)) and (transistion or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15
S19	157	S18 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:15
S20	997	375/355.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:18
S21	8	S9 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:18
S22	2650	375/376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:18
S23	9	S9 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:19

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S24	689	375/326.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:18
S25	3	S9 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:19
S26	140344	((polyphase with clock) or oscillator) and (transition or state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:21
S27	283	S24 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:22
S28	1419	S22 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:22
S29	314	S20 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:21
S30	408	S16 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:21
S31	4294	((polyphase with clock) or oscillator) and (transition or state) and data adj3 recover\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:31
S32	69	S24 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:25
S33	355	S22 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 12:22

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S34	98	S20 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 13:12
S36	396	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) with (clock or oscillator) and (transition or state) and data adj3 recover\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 07:51
S37	9	S24 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/29 13:05
S38	4	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) with (clock or oscillator) and (transition or state) and ((data or signal or clock) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with operat\$3 or logic or gate) same switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:06
S39	1	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) with (clock or oscillator) and (transition or state) and ((data or signal or clock) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with (operat\$3 or logic or gate)) same switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 07:57
S40	1	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) with (clock or oscillator) and ((data or signal or clock) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with (operat\$3 or logic or gate)) same switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 07:58
S41	1	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) with (clock or oscillator) and ((data or signal or clock or carrier or frequency) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with (operat\$3 or logic or gate)) same switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 07:58
S42	1	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) with (clock or oscillator) and ((data or signal or clock or carrier or frequency) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with (operat\$3 or logic or gate)) same (switch\$3 or multiplex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 08:01
S43	1	(poly\$1phase or multi\$1phase or (multiple adj1 phase)) and ((data or signal or clock or carrier or frequency) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with (operat\$3 or logic or gate)) same (switch\$3 or multiplex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 08:01
S44	24	((data or signal or clock or carrier or frequency) adj3 recover\$3) same (FF or flip adj1 flop) same ("AND" with (operat\$3 or logic or gate)) same (switch\$3 or multiplex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 08:01

## EAST Search History

S45	472	(PLL or phase adj1 locked adj1 loop) and (multi\$2phase or multiple adj1 phase) with clock same (select\$3 or switch\$3 or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:07
S47	42	S45 and (multiple adj1 channel or multi\$2channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 13:38
S48	3	10/713,877	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:08
S49	84	(ASIC or PLD or PLA or programmable adj2 logic or application adj1 specific) and (PLL or phase adj1 locked adj1 loop) and (multi\$2phase or multiple adj1 phase or polyphase) with clock same (select\$3 or switch\$3 or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:31
S50	20	(PLD or PLA or programmable adj2 logic) and (PLL or phase adj1 locked adj1 loop) and (multi\$2phase or multiple adj1 phase or polyphase) with clock same (select\$3 or switch\$3 or multiplex\$3) and (clock or data) with recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:32
S51	105	intellectual adj3 property adj2 block	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:42
S52	1	intellectual adj3 property adj2 block and (ASIC or PLD or PLA or programmable adj2 logic or application adj1 specific) and (PLL or phase adj1 locked adj1 loop) and (clock or data) with recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:48
S53	17	10/273,899	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:51
S54	35	"6650140"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:54
S55	21	"6483886"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 16:55

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S56	16	10/059,014	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 06:23
S60	43	intellectual adj3 property adj2 block and program\$5 adj3 logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 06:35
S61	0	("7028270").URPN.	USPAT	OR	OFF	2007/01/03 07:18
S62	7	("20010033188"   "4059842"   "4983857"   "5379302"   "5652529"   "6580776"   "6650140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 07:45
S63	32	09/805,843	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 07:45
S64	5	"20010033188"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:09
S65	2	"20030052709"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:12
S66	21	"6483886"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:14
S67	35	"6650140"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:15
S68	16	10/059,014	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:18
S69	17	10/273,899	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:20
S70	15	10/317,262	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:22

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S71	8	10/454,626	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:24
S72	6	10/637,982	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:24
S73	4	10/668,900	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/03 08:25